

REMARKS

The Examiner is thanked for the due consideration given the application. The application has been amended to place it in condition for allowance at the time of the next Official Action.

Claims 1-20 remain in this application. The claims have been amended to improve the language in a non-narrowing fashion.

Request for Interview

The Examiner is respectfully requested to contact the applicant's representative (Robert E. Goozner, tel. 703-521-2297) to arrange an interview to discuss the patentability of the present invention.

Claim Objections

The claims have been objected to as containing informalities. The comments in the Office Action have been considered and the claims have been amended to be free from informalities.

Rejection Under 35 USC §112, Second Paragraph

Claims 2, 3, 4, 6, 10 and 20 have been rejected under 35 USC §112, second paragraph as being indefinite. This rejection is respectfully traversed.

The comments in the Office Action have been considered and the claims have been amended to be clear, definite and have full antecedent basis.

This rejection is believed to be overcome, and withdrawal thereof is respectfully requested.

35 USC §103(a) Rejections

Claims 1, 2, 4-8, 10 and 17-20 were rejected under 35 USC §103(a) as being unpatentable over TRIBIOLI et al. US 5,506,065 in view of CHARLOT et al. EP 0307292, LEBEN et al. US 4,752,542 and HUNTSMAN US 2003/0167998.

Claim 3 was rejected under 35 USC §103(a) as being unpatentable over TRIBIOLI in view of CHARLOT and LEBEN and HUNTSMAN and further in view of MCDERMOTT US 2003/0228516.

Claim 9 was rejected under 35 USC §103(a) as being unpatentable over TRIBIOLI in view of CHARLOT and LEBEN and HUNTSMAN and further in view of TUCKER et al. US 5,733,679.

Claim 11 was rejected under 35 USC §103(a) as being unpatentable over TRIBIOLI in view of CHARLOT and LEBEN and HUNTSMAN and further in view of DIFRANCESCO et al. US 5,199,487.

Claim 12 was rejected under 35 USC §103(a) as being unpatentable over TRIBIOLI in view of CHARLOT and LEBEN and HUNTSMAN and further in view of RIGO et al. US 4,108,736.

Claim 13 was rejected under 35 USC §103(a) as being unpatentable over TRIBIOLI in view of CHARLOT and LEBEN and HUNTSMAN and further in view of SUNSHINE et al. US 6,033,602.

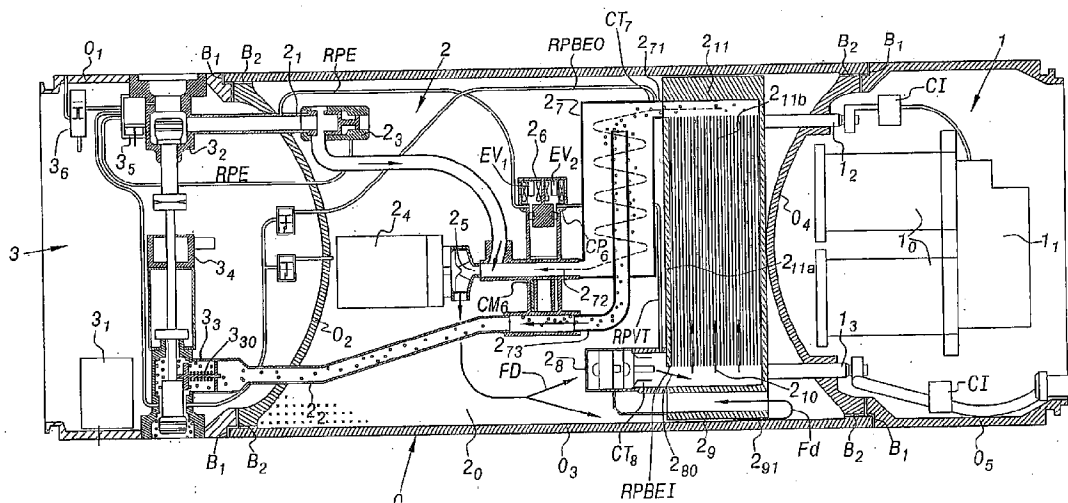
Claim 14 was rejected under 35 USC §103(a) as being unpatentable over TRIBIOLI in view of CHARLOT and LEBEN and HUNTSMAN and further in view of DIFRANCESCO and RIGO.

Claim 15 was rejected under 35 USC §103(a) as being unpatentable over TRIBIOLI in view of CHARLOT and LEBEN and HUNTSMAN and further in view of HONER US 3,966,497.

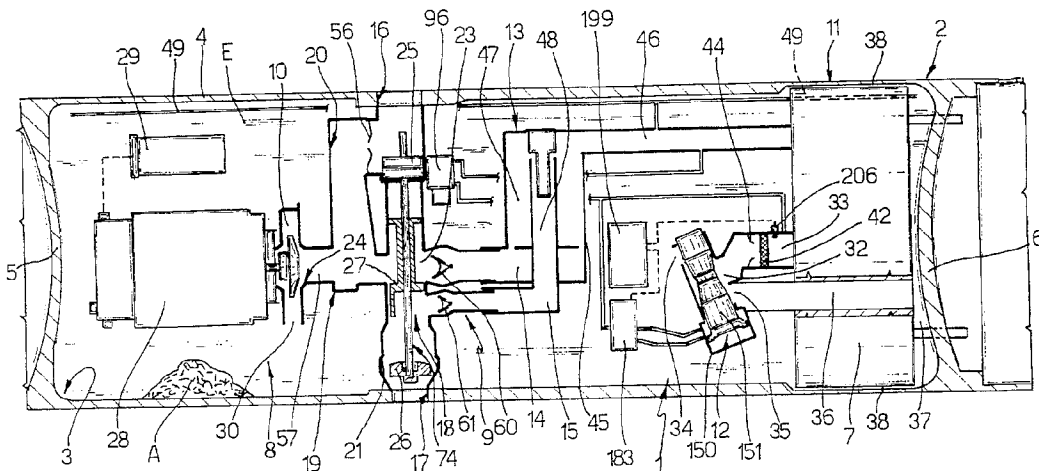
Claim 16 was rejected under 35 USC §103(a) as being unpatentable over TRIBIOLI in view of CHARLOT and LEBEN and HUNTSMAN and further in view of DESA et al. US 2003/0179652.

These rejections are respectfully traversed.

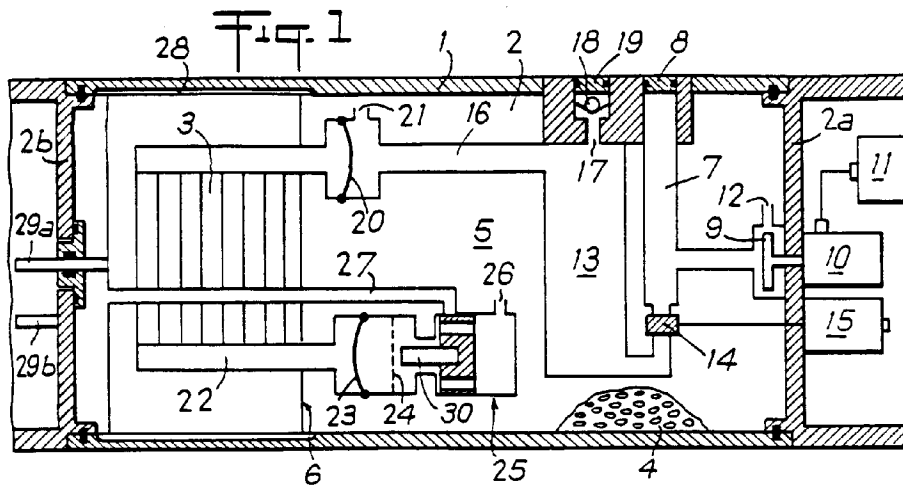
Claim 1 of the present invention sets forth an auxiliary electrical cell directly supplies electrical energy to an engine for the propulsion of the movable device and all members of the electrical cell during the stage of launching. The auxiliary electrical cell 1₀ can be seen for example in Figure 1a of the application, reproduced below.



In TRIBIOLI, the auxiliary battery 20 is used only to supply the motor of the pump 10 of the battery 1, as can be seen in Figure 1 of the reference reproduced below.



In CHARLOT, the "small auxiliary pile 11" is used only to feed the motor 10 of the pump 9, as can be seen in Figure 1 of the reference reproduced below.



In LEBEN, there is no auxiliary battery.

Thus, as recognized in the Official Action, TRIBIOLI in view of CHARLOT and LEBEN do not disclose that the auxiliary electrical cell is configured to supply electrical energy to an engine for the propulsion of the movable device and all members of the electrical cell during the stage of launching.

Newly cited HUNTSMAN is offered for this feature.

Figure 2 of HUNTSMAN is reproduced below.

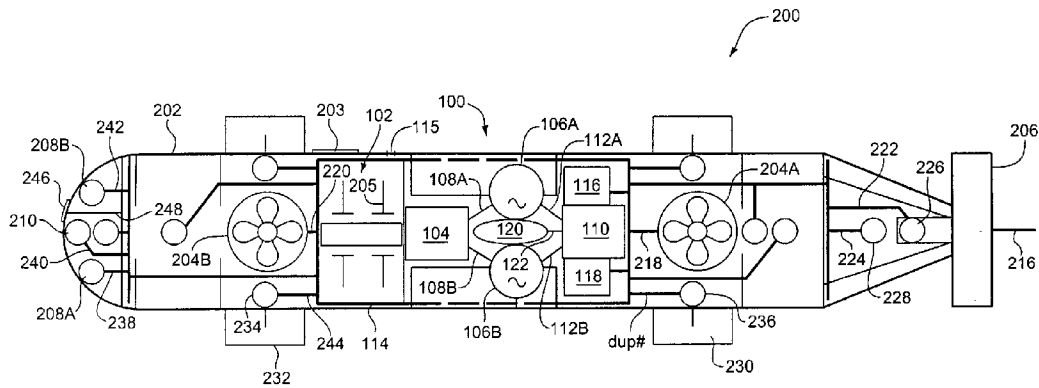


FIG. 2

HUNTSMAN discloses a system including an electricity generating device 102, of the piezoelectric type, which is coupled with a power source 106, of the flywheel type. The flywheel powers a power bus 124 to which is connected a propeller motor 28.

In an alternative embodiment, HUNTSMAN encompasses the use of a battery connected in parallel with the flywheel 106. As mentioned in paragraph 34, this battery can be used in place of the flywheel.

The Office Action asserts that the man skilled in the art would have read HUNTSMAN, in which he would have found the feature that the auxiliary battery directly supplies power to a motor.

But HUNTSMAN does not disclose an auxiliary power source capable of being used to supply power to an engine for the

propulsion of the vehicle and to the main power generation means (i.e, the cell) during its stage of launching. See last subparagraph of claim 1.

Consequently, because not all the features of the claimed object can be found or inferred in the applied prior art documents, one of skill in the art would not produce a claimed embodiment of the present invention. A *prima facie* case of unpatentability has thus not been made.

The other applied art references do not address the deficiencies of the applied art (especially newly applied HUNTSMAN) discussed above.

These rejections are believed to be overcome, and withdrawal thereof is respectfully requested.

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Conclusion

In view of the present amendment and the foregoing remarks, it is believed that the present application has been placed in condition for allowance. Reconsideration and allowance are respectfully requested.

Should there be any matters that need to be resolved in the present application, the Examiner is respectfully requested to contact the undersigned at the telephone number listed below.

The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any

overpayment to Deposit Account No. 25-0120 for any additional
fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17.

Respectfully submitted,

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